

CLAIMS

1. A motorcycle comprising:

a frame including a steering head and an upper frame member extending rearwardly from the steering head;

5 a fuel tank coupled to the upper frame member;

a seat mount coupled to the frame; and

a seat assembly having a front mount coupled to the frame adjacent the fuel tank, a rear mount, and a frame mount located between the front mount and the rear mount, the frame mount engaging the seat mount and having a latched configuration corresponding to a first position of the seat assembly with respect to the frame, and an unlatched configuration corresponding to a second position of the seat assembly with respect to the frame, the frame mount and the seat mount cooperating with the front and rear mounts to couple the seat assembly to the frame in the latched configuration.

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2. The motorcycle of claim 1, wherein the seat mount comprises one of a mounting stud and a mounting aperture, and the frame mount comprises the other of the mounting stud and the mounting aperture.

20 3. The motorcycle of claim 2, wherein the mounting stud includes an enlarged end portion and the mounting aperture is substantially keyhole-shaped and defines an enlarged portion and a reduced portion, and wherein the enlarged portion is sized to receive the enlarged end portion when the seat assembly is in the second position, and the reduced portion is sized to capture the enlarged end portion when the seat assembly is in the first position, thereby coupling the seat pan to the seat support.

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4. The motorcycle of claim 1, wherein the fuel tank cooperates with the frame to define a cavity, and wherein the front mount extends forwardly between the frame and the fuel tank and is received by the cavity.

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5. The motorcycle of claim 1, wherein the front mount includes a forward mounting tab that extends forwardly of the seat assembly.

6. The motorcycle of claim 1, wherein the rear mount includes a rearward mounting tab that extends rearwardly of the seat assembly.

5 7. The motorcycle of claim 6, further comprising a rear fender coupled to the frame and extending above the rear wheel, and a fastener extending through the rearward mounting tab and coupling the rearward mounting tab to the rear fender.

10 8. The motorcycle of claim 1, wherein the seat pan includes a first portion made of a first material, and a second portion made of a second material having increased strength with respect to the first material, and wherein the frame mount is located on the second portion.

15 9. The motorcycle of claim 8, wherein the seat assembly includes a seat cushion and a strap coupled to the second portion and extending around the seat cushion.

20 10. The motorcycle of claim 9, wherein the second portion includes a first mounting post and a second mounting post, and wherein first and second ends of the strap are coupled to the first and second mounting posts respectively.

11. A seat assembly for a motorcycle, the motorcycle including a frame, the seat assembly comprising:

a seat cushion;

a seat pan coupled to the seat cushion;

5 a front mount extending from a forward portion of the seat pan;

a rear mount extending from a rearward portion of the seat pan; and

a central mounting portion located on the seat pan between the front and rear mounts, the central mounting portion defining a frame mount that latches to the frame when the seat assembly is in a first position with respect to the frame,
10 and that releases from the frame when the seat assembly is in a second position with respect to the frame.

12. The seat assembly of claim 11, wherein the rear mount includes a rearward mounting tab that extends rearwardly of the seat pan and defines an
15 opening, the seat assembly further comprising a fastener extending through the opening and coupling the seat assembly to the motorcycle.

13. The seat assembly of claim 11, wherein the seat pan is formed of a polymer, and the central mounting portion is formed of a metal.
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14. The seat assembly of claim 11, wherein the front and rear mounts are each coupled to the seat pan, wherein the seat pan is formed of a first material, and wherein the front mount, the rear mount, and the central mounting portion are formed of a second material having increased strength with respect to the first
25 material.

15. The seat assembly of claim 11, wherein the front mount includes a forward mounting tab that extends forwardly of the seat pan.

16. The seat assembly of claim 11, wherein the frame mount comprises one of a mounting stud and a mounting aperture, and wherein the other of the mounting stud and the mounting aperture is provided on the frame.
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17. The seat assembly of claim 16, wherein the mounting aperture is substantially keyhole-shaped and the mounting stud includes an enlarged end portion.

5 18. The seat assembly of claim 17, wherein the mounting aperture includes a hole portion and a slot portion, wherein the slot portion is positioned forwardly of the hole portion, and wherein the seat assembly is moved rearwardly from the second position to the first position during installation to position the mounting stud within the slot portion.

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19. The seat assembly of claim 11, further comprising a strap coupled to the central mounting portion and extending around the seat cushion.

15 20. The seat assembly of claim 19, wherein the central mounting portion includes a first mounting post and a second mounting post, and wherein first and second ends of the strap are coupled to the first and second mounting posts respectively.

21. A method for installing a seat assembly on a motorcycle, the motorcycle including a frame, a fuel tank coupled to the frame, and a rear fender coupled to the frame, the method comprising:

coupling a forward mounting portion of the seat assembly to the frame;

5 positioning the seat assembly so a seat mount located on the frame is substantially aligned with a frame mount located on a central mounting portion of the seat;

moving the seat to latch the frame mount and the seat mount to one another; and

10 coupling a rearward mounting portion of the seat assembly to the rear fender.

22. The method of claim 21, wherein moving the seat comprises moving the seat rearwardly.

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23. The method of claim 21, wherein coupling the rearward mounting portion of the seat assembly to the rear fender comprises extending a fastener through an aperture in the rearward mounting portion and into the rear fender.

20 24. The method of claim 21, wherein coupling the forward mounting portion of the seat assembly to the frame comprises inserting a forward mounting tab into a cavity defined by at least one of the frame and the fuel tank;

25 25. The method of claim 21, wherein positioning the seat assembly comprises extending a mounting stud located on one of the frame and the central mounting portion through a mounting aperture defined by the other of the frame and the central mounting portion.

30 26. The method of claim 25, wherein moving the seat to latch the frame mount and the seat mount to one another includes capturing the mounting stud in a reduced portion of the mounting aperture.